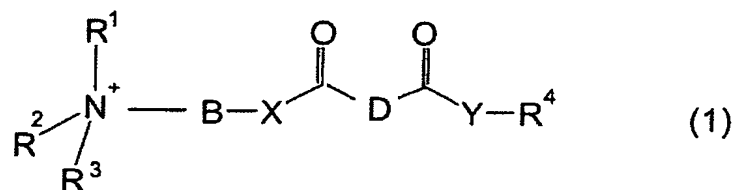


What is claimed is:

1. The use of compounds of the formula (1)



where

R^1, R^2 are each independently C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl,

R^3 is C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl, $-\text{CHR}^5-\text{COO}^-$ or $-\text{O}^-$,

R^4 is M, hydrogen or an organic radical which optionally contains heteroatoms and has from 1 to 100 carbon atoms,

B is an optionally substituted C_1 - to C_{10} -alkylene group,

D is an ethylene group substituted by an organic radical having from 1 to 600 carbon atoms,

X, Y are each independently O or NR^6 ,

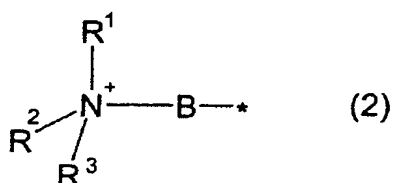
R^5, R^6 are each independently hydrogen, C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl, and

M is a cation

as corrosion and gas hydrate inhibitors.

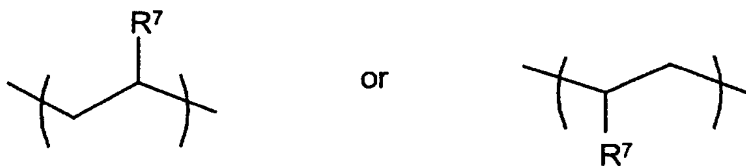
2. The use as claimed in claim 1, wherein B is a C_2 - to C_4 -alkylene group.
3. The use as claimed in claim 1 and/or 2, wherein R^1 and R^2 are each independently an alkyl or alkenyl group of from 2 to 14 carbon atoms.

4. The use as claimed in one or more of claims 1 to 3, wherein R^3 is an alkyl or alkenyl group having from 1 to 12 carbon atoms.
5. The use as claimed in one or more of claims 1 to 4, wherein R^5 and R^6 are hydrogen.
6. The use as claimed in one or more of claims 1 to 5, wherein R^4 is a radical of the formula (2)



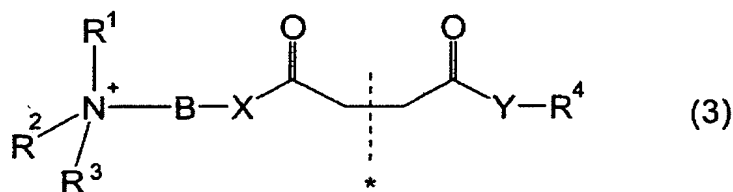
where R^1 , R^2 , R^3 and B are each as defined in claim 1.

7. The use as claimed in one or more of claims 1 to 6, wherein D is a structural unit of the formula



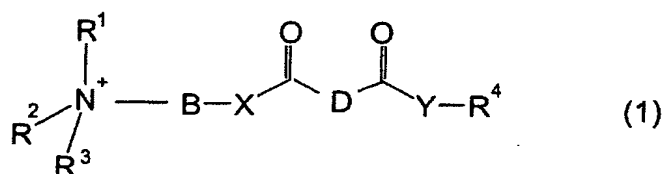
in which R^7 is C_2 - to C_{100} -alkyl or alkenyl radicals.

8. The use as claimed in one or more of claims 1 to 7, wherein R^7 is structural units of the formula (3)



where R^1 , R^2 , R^3 , R^4 , B, X and Y are each as defined in claim 1.

9. A compound of the formula (1)



where

R^1 , R^2 are each independently C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl,

R^3 is C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl, $-\text{CHR}^5-\text{COO}^-$ or $-\text{O}^-$,

R^4 is M, hydrogen or an organic radical which optionally contains heteroatoms and has from 1 to 100 carbon atoms,

B is an optionally substituted C_1 - to C_{10} -alkylene group,

D is an ethylene group substituted by an organic radical having from 1 to 600 carbon atoms,

X, Y are each independently O or NR^6 ,

R^5 , R^6 are each independently hydrogen, C_1 - to C_{22} -alkyl, C_2 - to C_{22} -alkenyl, C_6 - to C_{30} -aryl or C_7 - to C_{30} -alkylaryl, and

M is a cation.